

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	28479	vulcaniz\$9 and (elastomer\$4 fluoroelastomer\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/15 17:17
S2	1	10/759492	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/15 17:21
S3	102	viton with fluorosilicone	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/15 17:59
S4	701	(polyvinylidene adj fluoride\$2 vinylidene adj fluoride\$2) same (co adj polymer\$2 copolymer\$2) and partial\$5 with (vulcaniz\$9 curing cured cure)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/15 18:07
S5	585	(polyvinylidene adj fluoride\$2 vinylidene adj fluoride\$2) same (co adj polymer\$2 copolymer\$2) and partial\$5 with (vulcaniz\$9 curing cured cure) and (plastic\$2 thermoplastic\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/15 18:13
S6	458	(polyvinylidene adj fluoride\$2 vinylidene adj fluoride\$2) same (co adj polymer\$2 copolymer\$2) and partial\$5 near5 (vulcaniz\$9 curing cured cure) and (plastic\$2 thermoplastic\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/15 18:09
S7	412	(polyvinylidene adj fluoride\$2 vinylidene adj fluoride\$2) same (co adj polymer\$2 copolymer\$2) and partial\$5 near3 (vulcaniz\$9 curing cured cure) and (plastic\$2 thermoplastic\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/15 18:10
S8	380	(polyvinylidene adj fluoride\$2 vinylidene adj fluoride\$2) same (co adj polymer\$2 copolymer\$2) and partial\$5 near2 (vulcaniz\$9 curing cured cure) and (plastic\$2 thermoplastic\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/15 18:10
S9	346	(polyvinylidene adj fluoride\$2 vinylidene adj fluoride\$2) same (co adj polymer\$2 copolymer\$2) and partial\$5 adj (vulcaniz\$9 curing cured cure) and (plastic\$2 thermoplastic\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/15 18:10

EAST Search History

S10	297	(polyvinylidene adj fluoride\$2 vinylidene adj fluoride\$2) with (co adj polymer\$2 copolymer\$2) and partial\$5 adj (vulcaniz\$9 curing cured cure) and (plastic\$2 thermoplastic\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/15 18:10
S11	416	(polyvinylidene adj fluoride\$2 vinylidene adj fluoride\$2) same (co adj polymer\$2 copolymer\$2) and partial\$5 with (vulcaniz\$9 curing cured cure) and (plastic\$2 thermoplastic\$2) and (bisphenol\$2 peroxide\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/15 18:19
S12	157	(polyvinylidene adj fluoride\$2 vinylidene adj fluoride\$2) same (co adj polymer\$2 copolymer\$2) and partial\$5 adj (vulcaniz\$9 curing cured cure) and (plastic\$2 thermoplastic\$2) and (bisphenol\$2 peroxide\$2) and adhesive\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/15 18:14
S13	259	S11 not S12	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/15 18:34
S14	1025	fluoroelastomer\$4 with (thermoplastic\$2 plastic\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/15 18:39
S15	73	fluoroelastomer\$4 with (thermoplastic\$2 plastic\$2) and substrate\$2 same metal\$2 same plastic\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/15 18:35
S16	770	fluoroelastomer\$4 with (thermoplastic\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/15 18:40
S17	24	fluoroelastomer\$4 with (thermoplastic\$2) and partial\$5 near3 (vulcaniz\$9 curing cured cure) and mold	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/15 18:40
S18	41	vinylidene adj fluoride\$2 with dispers\$4 with (plastic\$2 thermoplastic\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 08:04
S19	876	vinylidene adj fluoride\$2 with (copolymer\$4 co adj polymer\$4) and elastomer\$5 and shear\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 08:04
S20	461	S19 and (cured curing cure)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 08:05
S21	378	S19 and (cured curing cure) and (plastic\$2 thermoplastic\$2 thermoplast\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 08:55

EAST Search History

S22	2	("2999854").URPN.	USPAT	OR	OFF	2007/05/22 08:14
S23	10	("2495286" "2549935" "2820776" "2833752" "2965619").PN.	USPAT; USOCR	OR	OFF	2007/05/22 08:14
S24	14	("3417176" "3452126" "3560595" "3597372" "3701702" "3769371" "3864228" "3899807").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 08:36
S25	29	("4094949").URPN.	USPAT	OR	OFF	2007/05/22 08:40
S26	58	S21 and (mixing mixer mixed) same (partial\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 09:13
S27	66	twin with screw\$2 same (mixing mixer\$2 mixed) same (partial\$4) with (cure curing cured crosslink\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 09:23
S28	11	twin with screw\$2 same (partial\$4) with (cure curing cured crosslink\$4 vulcaniz\$9) and vinylidene adj fluoride\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 09:26
S29	894	twin with screw\$2 and vinylidene adj fluoride\$2 with (copolymer\$4 co adj polymer\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 09:26
S30	246	twin with screw\$2 and vinylidene adj fluoride\$2 with (copolymer\$4 co adj polymer\$4) same (\$8elastomer\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 09:27
S31	19	("20050222337" "20050288434" "3037954" "4035565" "4287320" "4450263" "4696989" "4787991" "5206293" "5354811" "5384374" "5962589" "6066697" "6310141" "6407174" "6429249" "6437030" "6624251").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 10:10
S32	146	vinylidene adj fluoride\$2 and adhesive\$2 and substrate\$2 and (coextru\$9 co adj extru\$9) and injection adj (mold\$4 mould\$4) and (vulcaniz\$7 cure curing cured)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 10:14
S33	18	fluoroelastomer\$2 and adhesive\$2 and substrate\$2 and (coextru\$9 co adj extru\$9) and injection adj (mold\$4 mould\$4) and (vulcaniz\$7 cure curing cured)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 10:16
S34	133	fluoroelastomer\$2 and adhesive\$2 and substrate\$2 and (coextru\$9 co adj extru\$9) and (vulcaniz\$7 cure curing cured)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 10:16

EAST Search History

S35	1	fluoroelastomer\$2 same adhesive\$2 same substrate\$2 same (coextru\$9 co adj extru\$9) and (vulcaniz\$7 cure curing cured)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 10:17
S36	10	fluoroelastomer\$2 same adhesive\$2 same substrate\$2 and (coextru\$9 co adj extru\$9) and (vulcaniz\$7 cure curing cured)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 10:54
S37	1	10/759492	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 11:19
S38	133	fluoroelastomer\$2 and adhesive\$2 same (coextru\$9 co adj extru\$9) and (vulcaniz\$7 cure curing cured)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 10:58
S39	11	"132583"	EPO; DERWENT	OR	OFF	2007/05/22 10:58
S40	1919	(polyvinylidene adj fluoride\$2 poly adj vinylidene adj fluoride\$2) same (polyphenylene sulfide polyimide\$2 liquid adj crystal\$7) same (FEP hexafluoropropylene tetrafluoroethylene)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 11:23
S41	1751	(polyvinylidene adj fluoride\$2 poly adj vinylidene adj fluoride\$2) same (polyphenylene adj sulfide polyimide\$2 liquid adj crystal\$7) same (FEP hexafluoropropylene tetrafluoroethylene)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 11:23
S42	56	S41 and fluoroelastomer\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 11:25
S43	527	S41 and elastomer\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 11:26
S44	474	S43 not S42	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 12:41
S45	526	(coextru\$8 co adj extru\$8) and injection adj (mold\$4 mould\$4) and fiber\$2 with reinforc\$8 and (tube tubing pipe)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 12:45
S46	158	(coextru\$8 co adj extru\$8) same injection adj (mold\$4 mould\$4) and fiber\$2 with reinforc\$8 and (tube tubing pipe)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 12:52
S47	220	injection adj (mold\$4 mould\$4) same fiber\$2 with reinforc\$8 same (tube tubing pipe)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 12:46

EAST Search History

S48	36	S47 and mandrel	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 12:46
S49	180	(coextru\$8 co adj extru\$8) and fiber\$2 with reinforc\$8 with (tube tubing pipe)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 13:00
S50	156	S49 and (plastic\$2 thermoplast\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 12:52
S51	156	S49 and (plastic\$2 thermoplast\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 12:56
S52	40	S49 and (plastic\$2 thermoplast\$4) and fluoride\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 12:56
S53	309	(coextru\$8 co adj extru\$8) and fiber\$2 with reinforc\$8 and (tube tubing pipe) and (polyvinylidene adj fluoride\$2 vinylidene adj fluoride\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 13:01
S54	52	(coextru\$8 co adj extru\$8) same (polyvinylidene adj fluoride\$2 vinylidene adj fluoride\$2) and fiber\$2 with reinforc\$8 and (tube tubing pipe)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 13:18
S55	211	(coextru\$8 co adj extru\$8) same (pvdf polyvinylidene adj fluoride\$2 vinylidene adj fluoride\$2) and (tube tubing pipe)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 13:31
S56	49	(coextru\$8 co adj extru\$8) same (pvdf polyvinylidene adj fluoride\$2 vinylidene adj fluoride\$2) and (tube tubing pipe) and vulcani\$9	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 13:15
S57	7	(coextru\$8 co adj extru\$8) same (pvdf polyvinylidene adj fluoride\$2 vinylidene adj fluoride\$2) and (tube tubing pipe) and vulcani\$9 same (pvdf polyvinylidene adj fluoride\$2 vinylidene adj fluoride\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 13:16
S58	5	"683725"	EPO; DERWENT	OR	OFF	2007/05/22 13:16
S59	4	"0683725"	EPO; DERWENT	OR	OFF	2007/05/22 13:16
S60	2	"6576342"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 13:18

EAST Search History

S61	26	(coextru\$8 co adj extru\$8) and (pvdf polyvinylidene adj fluoride\$2 vinylidene adj fluoride\$2) with vulcani\$9	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 13:35
S62	6	(coextru\$8 co adj extru\$8) and (pvdf polyvinylidene adj fluoride\$2 vinylidene adj fluoride\$2) and "t. sub.90"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 13:37
S63	61	fluoroelastomer\$5 and "t.sub.90"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 13:38
S64	0	fluoroelastomer\$5 and partial\$7 same "t.sub.90"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 13:38
S65	0	fluoroelastomer\$5 and partial\$7 with "t.sub.90"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 13:38
S66	1	elastomer\$5 and partial\$7 with "t. sub.90"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 13:39
S67	3	partial\$7 with "t.sub.90"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 13:40
S68	15	partial\$7 same "t.sub.90"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 13:40
S69	28	partial\$7 same "T90"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 13:42
S70	11	partial\$7 with "T90"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 13:41
S71	1266	partial\$7 same "90" same vulcaniz\$9	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 13:42
S72	246	partial\$7 same "90" with vulcaniz\$9	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 13:43
S73	272	partial\$7 same ("90" "90%") with vulcaniz\$9	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 13:43
S74	62	\$7elastomer\$4 and partial\$7 same ("90" "90%") with vulcaniz\$9	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 13:43
S75	27	\$7elastomer\$4 and partial\$7 with ("90" "90%") with vulcaniz\$9	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 13:43

EAST Search History

S76	1	10/759492	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 14:41
S77	81	("20020091205" "20020099142" "20020113066" "20020122928" "20020198320" "20030026995" "20030138655" "20040183702" "20040260023" "20050165168" "20050167928" "20050171282" "20050222337" "20050272872" "20050275565" "20050281973" "20050288434" "20060004126" "20060142467" "20060142491" "20060142492" "20060148954" "20060290070" "20070004865" "3037954" "3538028" "3787341" "4035565" "4287320" "4311628" "4328140" "4419499" "4450263" "4451542" "4530881" "4572516" "4624978" "4656228" "4696976" "4696989" "4787991" "5006594" "5095072" "5206293" "5219931" "5221424" "5331040" "5354811" "5371143" "5384374" "5397432" "5397832" "5459202" "5548028" "5585152" "5700866" "5723544" "5961775" "5962589" "6054537" "6066697" "6114441" "6147158" "6162385" "6310141" "6312639" "6407174" "6410630" "6429249" "6437030" "6500374" "6624251" "6656831" "6663966" "6774171" "6872325" "7022769" "7087679" "7098270").PN.	OR	OFF	2007/05/22 16:54	
S78	1	("5006594").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 15:39
S79	35	"5384374"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 15:40
S80	17	"4419499"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 15:40
S81	2	("5910544" "4094949").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/22 16:54
S82	1	10/759492	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/23 07:24
S83	949	(264/271.1).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/23 07:25

EAST Search History

S85	2701	(264/271.1,173.16,236).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/23 07:25
S86	267	polyvinylidene adj fluoride\$2 same injection adj (mold\$4 mould\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/23 09:10
S87	134	polyvinylidene adj fluoride\$2 same injection adj (mold\$4 mould\$4) and insert\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/23 09:10
S88	25	polyvinylidene adj fluoride\$2 same injection adj (mold\$4 mould\$4) and insert\$2 with (mold molds mould moulds)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/23 09:12
S89	267	polyvinylidene adj fluoride\$2 and injection adj (mold\$4 mould\$4) and insert\$2 with (mold molds mould moulds)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/23 09:13
S90	53	polyvinylidene adj fluoride\$2 and injection adj (mold\$4 mould\$4) and (pipe pipes) with (lining line liner)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/23 09:16
S91	463	(polyvinylidene adj fluoride\$2 PVDF) same injection adj (mold\$4 mould\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/23 09:16
S92	27	(polyvinylidene adj fluoride\$2 PVDF) same injection adj (mold\$4 mould\$4) and (metal metals metallic) with insert\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/23 09:18
S93	192	(polyvinylidene adj fluoride\$2 PVDF) and injection adj (mold\$4 mould\$4) and (metal metals metallic) with insert\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/23 09:24
S94	1746	(polyvinylidene adj fluoride\$2 PVDF) and injection adj (mold\$4 mould\$4) and (roll rolls roller rollers)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/23 09:24
S95	406	(polyvinylidene adj fluoride\$2 PVDF) and injection adj (mold\$4 mould\$4) same (roll rolls roller rollers)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/23 09:25
S96	24	(polyvinylidene adj fluoride\$2 PVDF) same injection adj (mold\$4 mould\$4) same (roll rolls roller rollers)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/23 09:28
S97	14	(polyvinylidene adj fluoride\$2 PVDF) same injection adj (mold\$4 mould\$4) same (insert inserts)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/23 09:31
S98	7	(polyvinylidene adj fluoride\$2 PVDF) same injection adj (mold\$4 mould\$4) and (mold mould) with (figure figures "Fig.")	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/23 09:32

EAST Search History

S99	19	(polyvinylidene adj fluoride\$2 PVDF) and injection adj (mold\$4 mould\$4) and (mold mould) with (figure figures "Fig.")	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/23 09:33
S10 0	4051	(polyvinylidene adj fluoride\$2 PVDF) and injection adj (mold\$4 mould\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/23 09:33
S10 1	463	(polyvinylidene adj fluoride\$2 PVDF) same injection adj (mold\$4 mould\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/23 09:37
S10 2	612	(polyvinylidene adj fluoride\$2 PVDF) and injection adj (mold\$4 mould\$4) and encapsulat\$8	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/23 09:38
S10 3	168	(polyvinylidene adj fluoride\$2 PVDF) and gasket\$2 and injection adj (mold\$4 mould\$4) and stainless	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/23 09:38
S10 4	216	(polyvinylidene adj fluoride\$2 PVDF) and gasket\$2 and injection adj (mold\$4 mould\$4) and (stainless copper)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/23 09:39
S10 5	36	(polyvinylidene adj fluoride\$2 PVDF) and injection adj (mold\$4 mould\$4) and (stainless copper) same gasket\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/23 09:40
S10 6	8	(polyvinylidene adj fluoride\$2 PVDF) and injection adj (mold\$4 mould\$4) and (multilayer\$4 multi adj layer\$4) same gasket\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/23 09:41
S10 7	83	(polyvinylidene adj fluoride\$2 PVDF) and injection adj (mold\$4 mould\$4) same gasket\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/23 09:41
S10 8	2	("7151134" "7022769").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/23 11:48
S10 9	0	(edward adj hosung adj park).in.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/23 11:48
S11 0	51	(edward near3 hosung near3 park).in.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/23 11:49
S11 1	38	(edward near3 hosung near3 park).in.	US-PGPUB	OR	OFF	2007/05/23 11:50
S11 2	18446	(partial\$5 and cur\$7).clm.	US-PGPUB	OR	OFF	2007/05/23 11:50
S11 3	14	S111 and S112	US-PGPUB	OR	OFF	2007/05/23 11:50

EAST Search History

S11 4	3636	((264/271.1,173.16,236) or (156/60)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/23 12:19
----------	------	---	------------------------------	----	-----	------------------